

RACI Matrix in Brief for FICEMS  
**Safety, Education, and Workforce Committee**

**Goal 5: An EMS culture in which safety considerations for patients, providers, and the community permeate the spectrum of activities.**

**Objective 5.1: Promote the reporting, measurement, prevention and mitigation of occupational injuries, deaths, and exposures to serious infectious illnesses in the EMS workforce**

Task	Brief Status Update
<p>Improve safety of EMS personnel</p> <p>A. Resources &amp; test methods for ground ambulance standards.</p>	<p><b>In Process</b></p> <ul style="list-style-type: none"> <li>• Latest version of CAAS standard GVS v2.0 was released June 19<sup>th</sup> which included safety elements for design, test, and certification standards for <u>remounted</u> ambulances. Federal partners participated. NFPA is also incorporating similar elements into their ambulance standard.</li> <li>• Federal Partners continue to work with the NASEMSO Ad Hoc committee regarding the Safe Transport of Children by EMS and are working with NASEMSO Ad Hoc committee to explore development of SAE International testing standards applicable to Safe Transport of Pediatric Patients in ground ambulances.</li> <li>• Federal partners need to continue to promote the NIOSH and DHS produced 7-part video series to continue communication of Ambulance Safety: <a href="#">Improving EMS Worker Safety Through Ambulance Design and Testing</a>.</li> <li>• Federal partners need to continue to promote the NASEMSO created website that provides summary information for ground ambulance safety &amp; standards. <a href="http://www.safeambulances.org/">http://www.safeambulances.org/</a></li> </ul> <p><b>In Process</b></p> <ul style="list-style-type: none"> <li>• National Fire Protection Association 1999 Standard for Protective Clothing and Ensembles for Emergency Medical Operations: <a href="http://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=1999">http://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=1999</a></li> </ul>

<p>B. Improve work environment safety for EMS personnel.</p> <p>C. DOL BLS SOC two separate codes for EMT and Ps. completed</p>	<ul style="list-style-type: none"> <li>• The White House published <i>Fentanyl Safety Recommendations for First Responders</i> (<a href="https://www.whitehouse.gov/ondcp/key-issues/fentanyl">https://www.whitehouse.gov/ondcp/key-issues/fentanyl</a>). NIOSH continues to provide resources for EMS personnel and their potential exposure to Fentanyl. The Interagency Board (IAB) Equipment Subgroup (ESG) published a position paper <i>Recommended Best Practices to Minimize Emergency Responder Exposures to Synthetic Opioids, Including Fentanyl and Fentanyl Analogs</i>. NIOSH also supports a website Fentanyl: Preventing Occupational Exposure to Emergency Responders. <a href="https://www.cdc.gov/niosh/topics/fentanyl/default.html?s_cid=3ni7d2Blog-Fentanyl-topic-6.2017">https://www.cdc.gov/niosh/topics/fentanyl/default.html?s_cid=3ni7d2Blog-Fentanyl-topic-6.2017</a></li> <li>• Interagency Board (IAB) position paper entitled <i>Recommendations on Selection and Use of Personal Protective Equipment for First Responders against Ebola Exposure Hazards</i> developed by the IAB ESG and Health, Medical, and Responder Subgroup (HMRS): <a href="https://interagencyboard.org/sites/default/files/publications/IAB%20Ebola%20PPE%20Recommendations_10.24.14.pdf">https://interagencyboard.org/sites/default/files/publications/IAB%20Ebola%20PPE%20Recommendations_10.24.14.pdf</a></li> <li>• </li> </ul>
<p>2) Assess progress of 2007 Feasibility for an EMS Workforce Safety &amp; Health Surveillance System</p>	<p><b>In Process</b></p> <ul style="list-style-type: none"> <li>• NIOSH report released in Dec 2018 (American Journal of Industrial Medicine on Ohio workers comp data in the ambulance services industry)</li> </ul> <p>Review generated some recommendations</p> <ul style="list-style-type: none"> <li>• Rec #1 – Develop a multi-source surveillance approach to describe and monitor EMS worker injuries and illnesses.</li> <li>• Rec #1a - Capitalize on the presence of existing systems that capture EMS worker injuries and illnesses (e.g., CFOI, FARS, SOII, and NEISS-Work) and continue to analyze those data to produce current EMS injury and illness estimates.</li> <li>• Rec #1b - Establish connections between data source contacts with a goal of jointly analyzing EMS worker injury and illness data.</li> <li>• Rec #1c - Augment and expand existing surveillance systems to improve the capture of EMS specific data.</li> <li>• Rec #1d - Explore opportunities for capturing denominator data to allow rate calculations.</li> <li>• Progress summary document which includes a variety of recommendations. Aforementioned recommendations are in process.</li> </ul>

<p>3) NIOSH &amp; NHTSA NEISS work project tracking nonfatal, emergency department treated injuries among EMS workers.</p>	<p><b>In Process</b></p> <p>Project complete.</p> <p><b>Completed</b></p> <ul style="list-style-type: none"> <li>• NIOSH and NHTSA published results of the study on nonfatal work-related in Paramedic Chiefs. injuries to EMS personnel (as reported through emergency departments).</li> <li>• Article on study on nonfatal work-related injuries was published on-line in the Prehospital Emergency Care journal in January 2017.</li> <li>• NIOSH and NHTSA developed a fact sheet for EMS system employers to communicate the results of the study on nonfatal work-related injuries to EMS personnel (as reported through emergency departments).</li> <li>• NIOSH and NHTSA finalizing infographic for EMS personnel to communicate the results of the study on nonfatal work-related injuries to EMS personnel (as reported through emergency departments).</li> </ul>
<p><b>Objective 5.2: Evaluate factors within EMS practices that contribute to medical errors or threaten patient safety.</b></p>	
<p><b>Task</b></p>	<p><b>Status Update</b></p>
<p>1) NHTSA Fatigue Risk Management Project</p>	<p><b>In Process</b></p> <ul style="list-style-type: none"> <li>• The pilot testing of the evidence-based recommendations is wrapping up.</li> <li>• Dr. Daniel Patterson and Kathy Robinson (NASEMSO) presented the findings at EMS Today in February 2019.</li> <li>• Supporting modeling of various work shifts to help reduce fatigue.</li> </ul> <p><b>Completed</b></p> <ul style="list-style-type: none"> <li>• Dr. Patterson provided an overview of the methodology and recommendations at NASEMSO in October 2017 that are expected to be published in NASEMSO's official journal, <i>Prehospital Emergency Care</i>.</li> </ul>

	<ul style="list-style-type: none"> <li>• First phase of the effort produced the initial set of evidence-based recommendations.</li> <li>• A series of articles have been published in 2018 (e.g., <i>Prehospital Emergency Care</i>, NASEMSO's official journal).</li> </ul>
2) NHTSA Emergency Vehicle Operator Course (EVOC) Assessment	<p><b>In Process</b></p> <ul style="list-style-type: none"> <li>• The EVOC training is going through NHTSA internal review throughout the U.S. The contractor will produce at least one journal article in an agreed upon peer-reviewed journal. This is the first of three steps recommended by NEMSAC.</li> </ul>
<p><b>Objective 5.3: Support the development and use of anonymous reporting systems to record and evaluate medical errors, adverse events, and “near misses”.</b></p>	
<b>Task</b>	<b>Status Update</b>
1) Track medical errors/patient safety events	<p><b>In Process</b></p> <ul style="list-style-type: none"> <li>• Several systems are operational that collect a variety of information on near misses and patient safety issues. Still working to get connected with groups running these systems and what data is collected.             <ol style="list-style-type: none"> <li>1. Center for Leadership, Innovation and Research in EMS Voluntary Event Notification Tool (E.V.E.N.T) <a href="https://event.clirems.org/">https://event.clirems.org/</a></li> <li>2. Having discussions with the Center for Patient Safety, a Patient Safety Organization (PSO) which tracks close calls and patient safety issues. <a href="http://www.centerforpatientsafety.org/">http://www.centerforpatientsafety.org/</a></li> <li>3. FDA Adverse Event Reporting System (FAERS)</li> <li>4. FDA Medical Device Reporting (MDR) data system</li> </ol> </li> </ul>

<p>2) Track near miss/close call reporting for EMS personnel safety.</p>	<p><b>In Process</b></p> <ul style="list-style-type: none"> <li>International Association of Fire Chiefs near-miss reporting system. Site for “Medical Call:” <a href="http://www.firefighternearmiss.com/Reports">http://www.firefighternearmiss.com/Reports</a></li> </ul>
<p><b>Goal 6: A well-educated and uniformly credentialed EMS workforce.</b></p>	
<p><b>Objective 6.1: Promote implementation of the “EMS Education Agenda for the Future” to encourage more uniform EMS education, national certification, and state licensing.</b></p>	
Task	Status Update
<p>1) Updating EMS education agenda and its components</p>	<p><b>In Process</b></p> <ul style="list-style-type: none"> <li>NHTSA and HRSA are supporting a twenty-four month project to revise the 2009 EMS Education Standards and Instructional Guidelines. Kick off meeting took place in May 2019 with 20-25 person steering committee. They started work on a general plan as it relates to the Scope of Practice. They will seek feedback and come back together this fall.</li> </ul> <p><b>Completed</b></p> <ul style="list-style-type: none"> <li>Posted the 2016 NEMSAC edits to 2000 Education Agenda on <a href="http://www.EMS.gov">www.EMS.gov</a>.</li> <li>Posted the 2018 National EMS Scope of Practice Model on <a href="http://www.EMS.gov">www.EMS.gov</a></li> <li>Posted the EMS Agenda 2050 on <a href="http://www.EMS.gov">www.EMS.gov</a>.</li> </ul>

**Objective 6.2:** Support State, territorial and tribal efforts to enhance interstate legal recognition and reciprocity of EMS personnel.

Task	Status Update
1) Monitor and Support REPLICA effort.	<b>In Process</b> <ul style="list-style-type: none"><li>• EMS Compact Commission met at NASEMSO May meeting to vote on draft rules to make the compact operation with a target date of 1/1/2020</li><li>• REPLICA has been adopted by 18 states (<a href="http://www.emsreplica.org">www.emsreplica.org</a>) and continues to work with State EMS offices in support of their REPLICA needs and efforts.</li></ul>
2) Support a culture of safety and health in emergency services that prioritizes the mental and behavioral health of responders.	<b>In Process</b> <b>Completed</b> <p>DHS Office of Health Affairs in conjunction with the National Academies of Science sponsored a workshop to explore the impact of operational stressors on the health and performance of the Department of Homeland Security (DHS) law enforcement workforce (January 2018) <a href="http://nationalacademies.org/hmd/Activities/PublicHealth/MedicalReadiness/2018-JAN-17.aspx">http://nationalacademies.org/hmd/Activities/PublicHealth/MedicalReadiness/2018-JAN-17.aspx</a></p> <ul style="list-style-type: none"><li>• DHS also developing a graphic model show various approach levels (primary, secondary, tertiary) to recognizing and handling resilience health and performance of law enforcement.</li><li>• DHSTogether, under the former Office of Health Affairs, was created as a DHS-wide initiative focused on resilience and suicide prevention (includes Training/Posters/Brochures) of its entire workforce especially it's law enforcement components.</li><li>• The FICEMS Statement on Mental Health and the Public Safety Community was released August 2016.</li><li>• NEMSAC recommendation</li></ul>

<b>Objective 6.3:</b> Work with State EMS Offices to support the transition of military EMS providers to civilian practice.	
Task	Status Update
1) Working with NASEMSO and State Offices of EMS to streamline the licensing and credentialing process for separating military medics to civilian EMS	<p><b>In Process</b></p> <ul style="list-style-type: none"> <li>Federal partners need to continue to promote and help implement all available Military to Civilian Transition resources to veterans and the national EMS community.</li> </ul> <p><b>Completed</b></p> <ul style="list-style-type: none"> <li>NHTSA, DOD and other Federal Partners supported NASEMSO with leading the Military to Civilian Transition Project and much more info and resources can be found at NASEMSO's website:  <a href="https://www.nasemso.org/Projects/Military-to-Civilian-EMS-Transition/index.asp">https://www.nasemso.org/Projects/Military-to-Civilian-EMS-Transition/index.asp</a> </li> </ul>
2) Support Veteran Emergency Medical Technician Support Act to assist Vets with military EMS training to meet requirements for becoming civilian EMTs. (CARA Act)	<p><b>In Process</b></p> <ul style="list-style-type: none"> <li>Sec. 105 Assisting Veterans with Military Emergency Medical Training to Meet Requirements for Becoming Civilian Health Care Professionals, authorized demonstration grants to States for streamlining civilian healthcare credentialing (including EMS) of military medics. This section has not received an appropriation.</li> <li>Working Group to evaluate potential activities.</li> <li>Effort is unfunded.</li> </ul>